

SECRET

25 July 1957

REQUIREMENT 1

PROPOSAL FOR FIELD ENGINEERING SERVICES

CONTRACT [REDACTED]

25X1A

For the Period of 1 July 1957 to 30 December 1957

EXHIBIT B

Item 1. Overseas Resident Field Engineering Services, Systems 1 and 3, Requirement 1.

a. One engineer presently acting as field supervisor will be required to continue in this capacity. This engineer will provide the necessary instruction for the maintenance and operation of the 3-channel and 14-channel Data Reduction Equipment. He will supply the necessary planning and coordination of effort to continue the technical support of the project. He will provide the necessary liaison among the field units, Project Headquarters, and the factory. He will be available to render assistance at any location requiring his assistance, and will coordinate the efforts of all field units in securing maximum and efficient utilization of the equipment.

b. A total of eight technical representatives now in three locations will be required to continue the technical support of System 1, System 3, the 3-channel Data Reduction Equipment, and all associated test equipment. These technical representatives will operate and maintain this equipment. They will perform preflight and post-flight checks and contribute to the periodic technical reports submitted by the field units. They will assist in the modification of equipment as directed by Project Headquarters, and place new equipments or new models of equipments into operation as they become available.

c. Man Months, Engineering 6

d. Man Months, Technician 48

Item 2. Overseas Resident Field Engineering Services, System 4, Requirement 1.

a. One engineer and one technician will be required at each operational site to operate and maintain System 4. These duties shall include specialized preflight and post-flight procedures and the operation and maintenance of special test sets. Special skills and procedures will be required to rapidly isolate troubles and repair complex logical circuits and digital computing functions. Special techniques will be required to interpret the results of operations and tests to insure optimum performance of the system at all times.

b. Man Months, Engineering 9

c. Man Months, Technician 7

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Item 3. Resume of the Total Estimated Time and Charges for
Contract [REDACTED] Requirement 1, for the Period of
1 July 1957 to 30 December 1957.

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a. Man Months, Engineering	15
b. Man Months, Technician	55
c. Total Estimated Cost	

25X1A
[REDACTED]

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REQUIREMENT 3

25 July 1957

PROPOSAL FOR FIELD ENGINEERING SERVICES
TO BE COVERED BY A SEPARATE AIR FORCE CONTRACT

For the Period of 1 July 1957 to 30 December 1957

EXHIBIT C

Item 1. Resident Field Engineering Services, Systems 1 and 3,
Requirement 3.

a. From one to two engineers will be required at each location. During initial phases, these personnel will be primarily concerned with operating and maintaining System 1, System 3, the 3-channel Data Reduction Equipment, and all associated test equipment. This will necessarily be on a limited scale. Over a period of time the engineer(s) will instruct contractor technical representatives and customer technicians in the operation and maintenance of this equipment. The first duties of instruction will be to train customer technicians in the preflight, installation, and post-flight procedures. This flight-line maintenance crew can then relieve the contractor personnel from these duties, allowing them to begin training others in the field maintenance of the systems and the test equipment. The engineer(s) will continue to provide maintenance assistance and training. They will be required to furnish the necessary information and liaison for the planning of flight operations. They will prepare reports and disseminate incoming and outgoing information relative to the equipment. They will be technically responsible for placing new modifications or new equipment into operation as required. They are available and should be utilized in the planning of new facilities and operating sites. They will also assist in the data reduction and interpretation of data only to the extent that they can determine the presence or absence of malfunctions during flight.

b. The contractor technicians will be primarily responsible for the detailed and specialized troubleshooting of System 1, System 3, the 3-channel Data Reduction Equipment; and all associated test equipment. They will determine troubles and direct the efforts of the customer technicians and, as their time permits, assist in the maintenance and repair of the equipment. They will set up bench-testing procedures and facilities.

c. Man Months, Engineering:

U. S.	1 July to 30 October 1957	8
U. S.	1 September to 30 December 1957	4
U. S.	1 November to 30 December 1957	2
Overseas	30 October to 30 December 1957	4
Total		18

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d. Man Months, Technician:

U. S.	1 September to 30 October 1957	8
U. S.	1 November to 30 December 1957	2
Overseas	30 October to 30 December 1957	4
Total		14

Item 2. Resident Field Engineering Services, System 4, Requirement 3.

a. One engineer and one technician will be required at each operational site to operate and maintain System 4. These duties shall include specialized preflight and post-flight procedures and the operation and maintenance of special test sets. Special skills and procedures will be required to rapidly isolate troubles and repair complex logical circuits and digital computing functions. Special techniques will be required to interpret the results of operations and tests to insure optimum performance of the system at all times.

b. Man Months, Engineering:

U. S.	2
Overseas	2

c. Man Months, Technician:

U. S.	2
Overseas	2

Item 3. Resume of the Total Estimated Time and Charges for Resident Field Engineering, Requirement 3.

a. Man Months, Engineering	22
b. Man Months, Technician	18
c. Total Estimated Cost	

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REQUIREMENT 2

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PROPOSAL FOR FIELD ENGINEERING SERVICES
TO BE COVERED BY A SEPARATE CONTRACT
For the Period of 1 July 1957 to 30 December 1957

EXHIBIT D

Item 1. Overseas Resident Field Engineering Services, System 2,
Installation of Fixed Equipment, Requirement 2.

a. Engineering and technician effort will be required as a team to install the System 2 Fixed Equipment at two overseas locations. After installation and check-out of the equipment, a training period will be required to instruct customer personnel in the maintenance and operation of the equipment.

b. Man Months, Engineering 4

c. Man Months, Technician 3

Item 2. Overseas Resident Field Engineering Services, System 2,
and System 3, Portable Equipment, Requirement 2.

a. One engineer will be required at each location to operate and maintain System 2 and System 3 Portable Equipment and assist in the overall technical aspects of the program as required.

b. Man Months, Engineering 4

Item 3. Resume of the Total Time and Charges for Resident Field
Engineering, Requirement 2.

a. Man Months, Engineering 8

b. Man Months, Technician 3

c. Total Estimated Cost

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